CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB101580

ANALYST: Indiana
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72869
Calibratation STD Hexa Chrome 0.5 PPM	WP72868
Calibration Std. hexchrome 0.1 ppm	WP72867
Calibration Std. hexchrome 0.05 ppm	WP72866
calibration std. hexchrome 0.01 ppm	WP72864
calibration std. hexchrome 0 ppm	WP72863
Hexavalent Chromium ICV Std.	WP72870
Hexavalent Chromium CCV Std	WP72871
hexavalent chromium color reagent	WP72761
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72865
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0001 **Slope:** 0.7716 **Regression:** 0.999985

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.06	0.000	0.000	0.000	03/22/2019	17:00
2	CAL2	0.01	1	100	100		1.85	0.000	0.007	0.007	03/22/2019	17:00
3	CAL3	0.025	1	100	100		1.69	0.000	0.017	0.017	03/22/2019	17:01
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	03/22/2019	17:01
5	CAL5	0.1	1	100	100		2.28	0.000	0.080	0.080	03/22/2019	17:02
6	CAL6	0.5	1	100	100		1.77	0.000	0.387	0.387	03/22/2019	17:02
7	CAL7	1	1	100	100		1.83	0.000	0.771	0.771	03/22/2019	17:03

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540 Backgrnd	Absorb. at 540 Color	Absorbance Difference	Result	Anal Date	Anal Time
1	ICV	0.5	1	100	100		2.36	0.000	0.393	0.393	0.509	03/22/2019	17:03
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	03/22/2019	17:04
3	CCV1	0.5	1	100	100		1.54	0.000	0.393	0.393	0.509	03/22/2019	17:04
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	03/22/2019	17:05
5	PB118191BL		1	2.52	100	7.23	2.25	0.000	0.000	0.000	0.000	03/22/2019	17:05
6	PB118191BS	20	1	2.53	100	7.56	2.17	0.000	0.378	0.378	0.490	03/22/2019	17:06
7	K1930-01		1	2.50	100	7.09	2.37	0.016	0.016	0.000	0.000	03/22/2019	17:06
8	K1930-01DUP		1	2.51	100	7.55	1.81	0.015	0.015	0.000	0.000	03/22/2019	17:07
9	K1930-01MSPre	40	2	2.55	100	7.91	1.95	0.017	0.362	0.345	0.447	03/22/2019	17:07
10	K1930-01MS2Ins	1284	40	2.53	100	7.46	2.04	0.014	0.598	0.584	0.757	03/22/2019	17:08
11	K1930-01MS3Post	40	2	2.51	100	7.31	2.11	0.018	0.369	0.351	0.455	03/22/2019	17:08
12	K1930-05		1	2.55	100	7.28	1.69	0.013	0.013	0.000	0.000	03/22/2019	17:09
13	K1930-10		1	2.52	100	7.12	1.63	0.019	0.019	0.000	0.000	03/22/2019	17:09
14	K1930-14		1	2.53	100	7.13	2.07	0.014	0.014	0.000	0.000	03/22/2019	17:10
15	CCV2	0.5	1	100	100		2.23	0.000	0.380	0.380	0.492	03/22/2019	17:10
16	CCB2		1	100	100		1.93	0.000	0.000	0.000	0.000	03/22/2019	17:11
17	K1931-01		1	2.54	100	7.04	1.63	0.089	0.089	0.000	0.000	03/22/2019	17:11
18	K1956-01		1	2.50	100	7.10	1.57	0.012	0.012	0.000	0.000	03/22/2019	17:12
19	K1956-05		1	2.51	100	7.33	2.08	0.015	0.015	0.000	0.000	03/22/2019	17:12
20	K2003-01		1	2.54	100	7.44	1.99	0.008	0.008	0.000	0.000	03/22/2019	17:13
21	K2040-01		1	2.50	100	7.62	2.34	0.011	0.011	0.000	0.000	03/22/2019	17:13
22	K2040-03		1	2.52	100	7.80	2.21	0.009	0.009	0.000	0.000	03/22/2019	17:14
23	K2040-05		1	2.51	100	7.65	1.62	0.005	0.005	0.000	0.000	03/22/2019	17:14
24	CCV3	0.5	1	100	100		2.13	0.000	0.394	0.394	0.510	03/22/2019	17:15
25	CCB3		1	100	100		2.20	0.000	0.000	0.000	0.000	03/22/2019	17:15